

Eau Claire River Bridge (Schofield Bridge)
On U. S. Highway 51B (Grand Avenue),
over the Eau Claire River
Schofield
Marathon County
Wisconsin

HAER No. WI-46

HAER
WIS,
37-SCHOF,
1-

PHOTOGRAPHS

WRITTEN HISTORICAL AND DESCRIPTIVE DATA

Historic American Engineering Record
National Park Service
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HISTORIC AMERICAN ENGINEERING RECORD

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Location: On U. S. Highway 51B (Grand Avenue), over the Eau Claire River, in the city of Schofield, Marathon County, Wisconsin

Date of Construction: 1931

Builder/Designer: Engineer: State Highway Commission
Fabricator: Wausau Iron Works

Present Use: Pedestrian and vehicular bridge

Significance: The Eau Claire River Bridge is Wisconsin's only known example of a pony truss in a Parker configuration. It is characteristic of State Highway Commission truss design, i.e., heavy, rolled-section members with riveted connections, from the period of 1926 to 1931.

Historian: Dianne Kromm
Wisconsin Historic Bridges Recording Project
Summer 1987

DESCRIPTION

The Eau Claire River Bridge is a Parker Pony truss, with neoclassical deco detailing. The truss is constructed of metal, with reinforced concrete abutments and pier, and concrete deck. The two-span Pratt truss with polygonal top chord, has an overall length of 184 feet 7 inches, individual span length of 91 feet, overall width of 49 feet 6 inches, and a roadway width of 40 feet. It has eight panels, with riveted connections, end post and upper chord, 15-inch double upright channels with a 21-inch cover plate, tied with batten plates and V-lacing. The lower chord is back-to-back angles, tied with batten plates. The diagonals are rolled section I-beams, 8x12-inches. Redecking has removed the original streetcar tracks.

SOURCE OF INFORMATION

B-37-537 - Truss Bridge Intensive Survey (1986), Wisconsin Department of Transportation Files, Madison